

OPSI Quickinstall

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1. Copyright

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Most parts of the opsi software is open source.

Not open source are the parts of the source code which contain new extensions, that are still under cofunding, which have not been paid off yet. See also: [opsi cofunding projects](#)

All of the open source code is published under the AGPLv3.



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opsi QuickInstall

opsi QuickInstall is a program to quickly and easily install an opsi-server on a Linux system—via a graphical setup tool or on the command line.

2. Supported Linux Distributions

The program works under the following distributions (names according to the output of the `lsb_release` command or according to the file `os-release`, since QuickInstall itself uses these names):

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- AlmaLinux 8, **AlmaLinux 9**,
- Debian 9, Debian 10, Debian 11,
- openSUSE 15.2, openSUSE 15.3, openSUSE 15.4,
- RedHatEnterprise 8, **RHEL 9**,
- Rocky 8, **Rocky 9**,
- SUSE 15.1, SUSE 15.2, **SUSE 15.3, SUSE 15.4**,
- Ubuntu 18.04, Ubuntu 20.04, Ubuntu 22.04,
- Univention 4.4, Univention 5.0

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- AlmaLinux 8,
- Debian 10, Debian 11,
- openSUSE 15.2, openSUSE 15.3, **openSUSE 15.4**,
- RedHatEnterprise 8,
- Rocky 8,
- SUSE 15.1, SUSE 15.2,
- Ubuntu 18.04, Ubuntu 20.04, Ubuntu 22.04,
- Univention 4.4, Univention 5.0

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- **AlmaLinux 8**,
- Debian 10, Debian 11,
- openSUSE 15.2, openSUSE 15.3,
- **RedHatEnterprise 8**,
- **Rocky 8**,
- SUSE 15.1, SUSE 15.2,
- Ubuntu 18.04, Ubuntu 20.04, **Ubuntu 22.04**,
- Univention 4.4, **Univention 5.0**

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- Debian 10, Debian 11,
- openSUSE 15.2, openSUSE 15.3,
- SUSE 15.1, SUSE 15.2,
- Ubuntu 18.04, Ubuntu 20.04,
- Univention 4.4

3. Preparations

First, make sure that the opsi-server has a valid DNS hostname. To do this, either check the entries in the `/etc/hosts` file or enter the following command:

```
getent hosts $(hostname -f)
```

The result should look like this for example:

```
192.168.1.1 server.domain.tld server
```

The output on your system should show the server's IP address to which the opsi clients connect later on. It's followed by the associated hostname, and the third field contains an optional alias (here: `server`), under which the computer can also be reached.

The file may look different on your distribution. If it contains only entries for `127.0.0.1` or `localhost`, edit the file `/etc/hosts` in the text editor of your choice. For the opsi-server, enter at least the IP address and the full host name, optionally an alias.



For more information, please read <https://docs.opsi.org/opsi-docs-en/4.2/getting-started/server/requirements.html#opsi-getting-started-introduction-software-and-configuration-preconditions>.

4. Download opsi QuickInstall

opsi-QuickInstall can be found on our servers under the following link: <https://download.uib.de/opsi4.2/stable/quickinstall/>

Download the zip file to your computer and unpack it, for example using this command on the shell:

```
unzip opsi-quick-install.zip
```

Alternatively unpack the archive via the file manager of your graphical desktop environment (right click / *Unpack here*). You can install opsi QuickInstall wither with a graphical user interface or via the command line. The next two sections explain both ways.



The installer asks for so-called properties. For more information, please read the chapter on [The product l-opsi-server](#). Here you can also find the default values of the properties. Note that for QuickInstall the default for `allow_reboot` is set to `false`.

5. opsi QuickInstall: Graphical Setup Program

1. Change into the directory `gui` in the file manager of your desktop environment and execute the installer `opsi_quick_install_project`, e.g. with a double click.
2. In the following dialog box, select the language for the setup program from the upper drop-down menu. Choose the *setup type* as well. If you select *Custom*, then you can make more detailed settings.

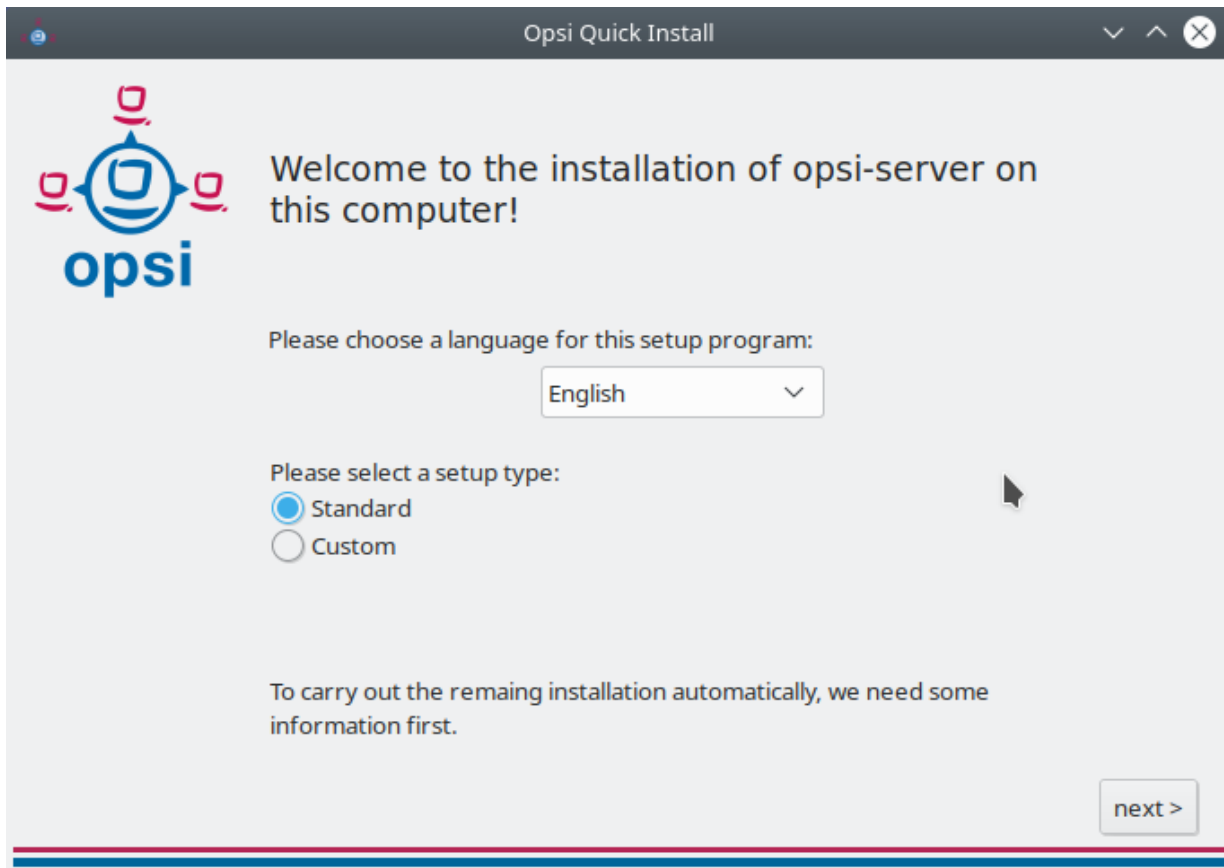


Figure 1. Choose the language and a setup type.

1. Click on *next >* and fill in the fields in the following dialog window:
 - a. opsi admin user: Enter the user name of the opsi admin user. Be sure to choose a name other than the one shown in this example ([Hover the mouse over the small icon to display more information.](#)).
 - b. password: Enter the password of the opsi admin user; choose a strong password and not the one shown in this example.
 - c. IP name: Enter `auto` in this field to automatically use the computer's hostname.
 - d. IP number: Enter `auto` to automatically add the computer's IP address.
2. Click *Overview* to double-check your settings. If everything is correct, click *finish*, enter your password and confirm by clicking *finish* again. After that the opsi-server installation will start.



Next to some fields you will find an `i` icon, which displays a tooltip with more information about the related topic.

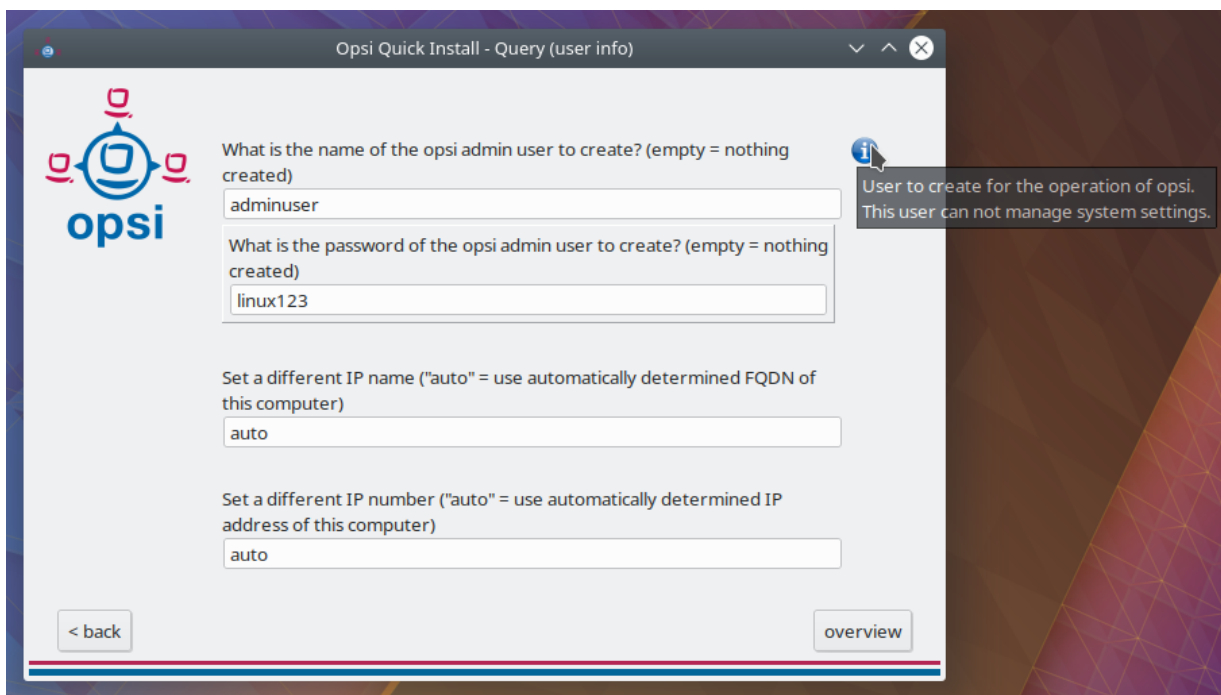


Figure 2. Hover the mouse over the small icon to display more information.



Figure 3. The opsi-server installation is running.

The installation may take a few minutes. When it's finished, opsi QuickInstall will tell you if it was successful. If you see the message **success**, then your opsi-server is configured and ready for operation. You can now start with the installation of [opsi products](#).

If you see a dialog like in [If the installation fails, please check the log files for error messages](#). instead, please check the log files for error messages. You can find the logs in the two files `/var/log/opsi-quick-install-l-opsi-server.log` and `/tmp/opsi_quickinstall.log`. If you have a support contract, you can also contact the [uib support](#).

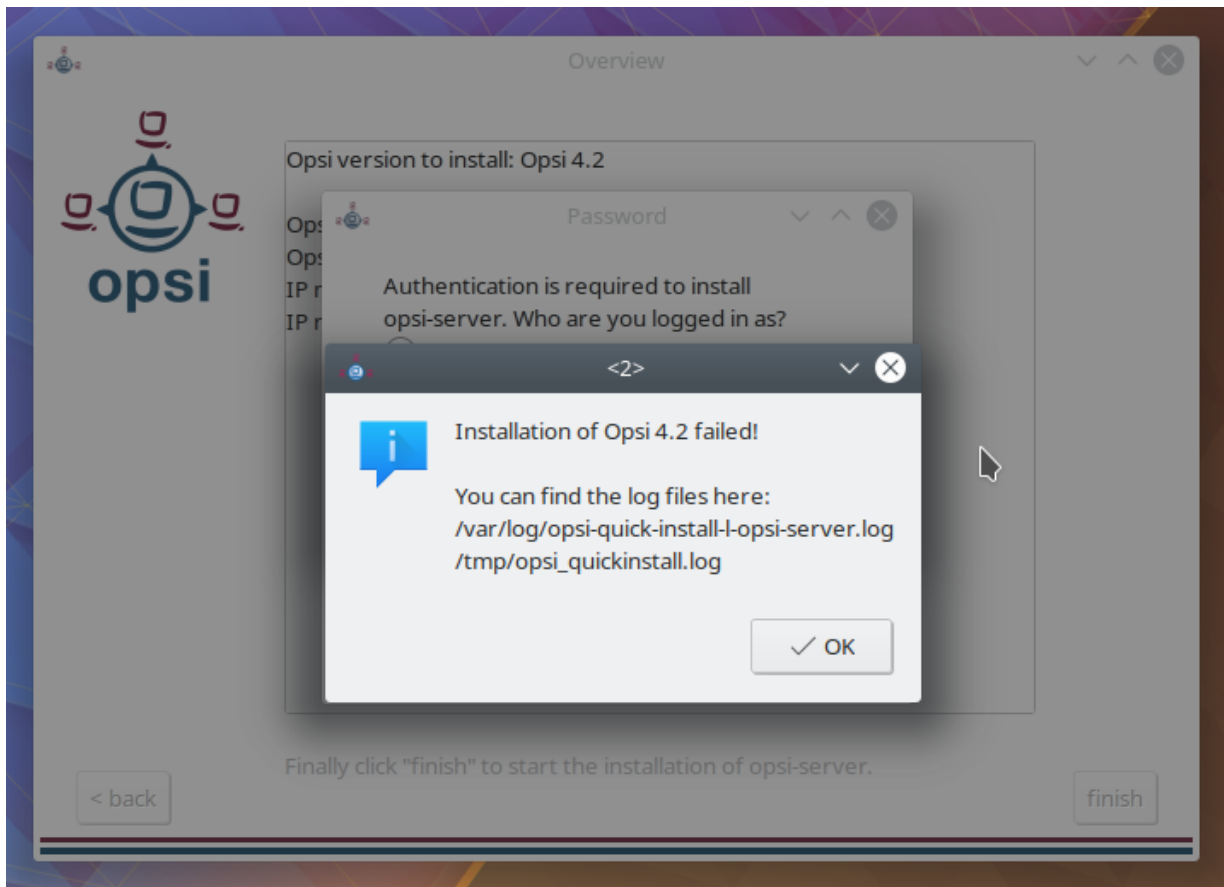


Figure 4. If the installation fails, please check the log files for error messages.

6. opsi QuickInstall: Installation on the Command Line

The directory `nogui` contains the program `opsi_quick_install_project`, which supports the following parameters:

- `-d`: The setup program uses the default values for the opsi-server installation. It sets up the opsi admin user with the username `Alexandra` (opsi QuickInstall version 4.2.0.1) or `adminuser` (from version 4.2.0.1-2) and the password `linux123`. For security reasons you should always change these default values after the installation.
- `-f <file>`: The setup program uses the values from the specified file for the opsi-server installation.
- `-n`: The setup program starts in interactive mode and asks for some parameters during the installation (*recommended*).

6.1. Starting the Setup Program in Interactive Mode

To start the setup program in interactive mode, enter this command:

```
sudo ./opsi_quick_install_project -n
```

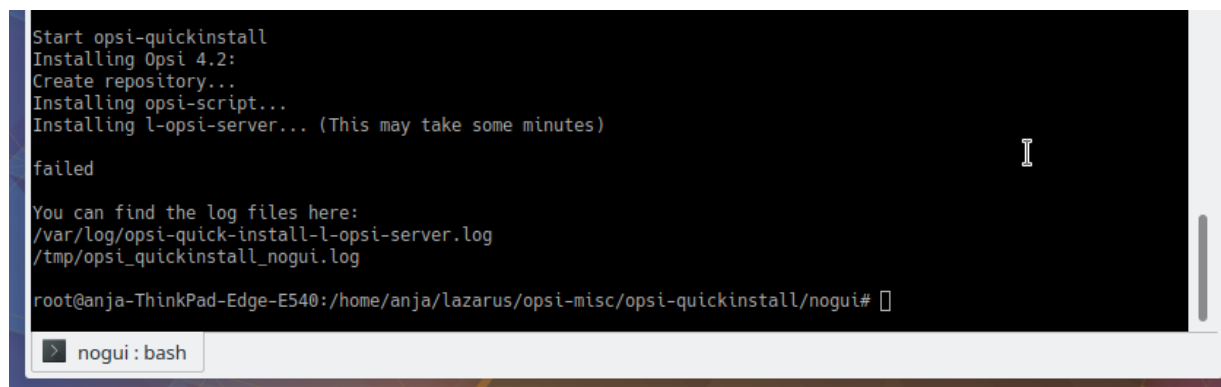
After that, answer the questions. You can enter the following commands at any time:

- `-b`: jumps back to the previous question
- `-h`: displays additional information for questions that are marked with `*`
- [Enter]: uses the default values for a question

A summary at the end shows all your answers for a final check. If everything is correct, click [Enter] to start the installation of the opsi-server.

The installation may take a few minutes. When it's finished, opsi QuickInstall will tell you if it was successful. If you see the message `success`, then your opsi-server is configured and ready for operation. You can now start with the installation of [opsi products](#).

If you see the message `failed` instead, instead, please check the log files `/var/log/opsi-quick-install-l-opsi-server.log` and `/tmp/opsi_quickinstall.log` for error messages.



```
Start opsi-quickinstall
Installing Opsi 4.2:
Create repository...
Installing opsi-script...
Installing l-opsi-server... (This may take some minutes)

failed

You can find the log files here:
/var/log/opsi-quick-install-l-opsi-server.log
/tmp/opsi_quickinstall_nogui.log

root@anja-ThinkPad-Edge-E540: /home/anja/lazarus/opsi-misc/opsi-quickinstall/nogui#
```

Figure 5. The setup program provides information about errors and log files.



If you have a support contract, you can also contact the [uib support](#).